

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,030,131 B2  
APPLICATION NO. : 10/826836  
DATED : April 18, 2006  
INVENTOR(S) : Stephen L. Crooks

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Title Page (56) Col. 2 (Other Publications)**

Line 1; Delete “Naphthyridines.” and insert -- Naphthyridines, --, therefor.

**Column 2**

Line 22; Delete “response” and insert -- response --, therefor.

Line 28; Delete “pharmaceutical” and insert -- pharmaceutical --, therefor.

Line 33; Before “effective” delete “a” and insert -- an --, therefor.

**Column 3**

Line 7; Delete “- $\alpha$ -substituted” and insert -- -substituted --, therefor.

Line 48; Delete “alkyl” and insert -- -alkyl --, therefor.

Line 49; Delete “alkyl” and insert -- -alkyl --, therefor.

Line 50; Delete “alkyl” and insert -- -alkyl --, therefor.

Line 67; Delete “(substituted aryl);” and insert -- (substituted aryl); --, therefor.

**Column 14**

Line 61; Delete “camii,” and insert -- carnii, --, therefor.

**Column 18**

Line 4; Delete “(MgSO<sub>4</sub>),” and insert -- (MgSO<sub>4</sub>), --, therefor.

Line 14-15; After “(t, J=” delete “(t, J=”

Line 19; Delete “15.04Found:” and insert -- 15.04. Found: --, therefor.

**Column 19**

Line 39; After “17.69” insert -- . --.

Line 65-66; Delete “5,3-nitrobenzenesulfonyl” and insert -- 5, 3-nitrobenzenesulfonyl --, therefor.

**Column 20**

Line 47; Delete “1 Pa)” and insert -- 10<sup>5</sup>Pa) --, therefor.

**Column 21**

Line 24-25; Delete “5,4-nitrobenzenesulfonyl” and insert -- 5, 4 nitrobenzenesulfonyl --, therefor.

**Column 22**

Line 3; Delete “Pa))” and insert -- Pa) --, therefor.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Column 23**

Line 4; Delete “quinolin-1-yl]” and insert -- quinolin-1-yl) --, therefor.

Line 44; Delete “quinolin-1-y)” and insert -- quinolin-1-yl) --, therefor.

**Column 24**

Line 55-56; Delete “5,1-(4-aminobutyl)” and insert -- 5, 1-(4-aminobutyl) --, therefor.

**Column 25**

Line 1; Delete “C<sub>23</sub>H<sub>30</sub>FNSO<sub>3</sub>S:” and insert -- C<sub>23</sub>H<sub>30</sub>FN<sub>5</sub>SO<sub>3</sub>S: --, therefore

**Column 26**

Line 44; Delete “1177° C.” and insert -- 177° C. --, therefor.

Line 67; After “490.2” insert -- . --.

**Column 141**

Line 5 Delete “Trifluoroacetat” and insert -- Trifluoroacetate --, therefor.

**Column 142**

Line 58; Delete “(Capell” and insert -- (Capcell --, therefor.

**Column 147**

Line 37 and 38; Delete “APCI MS” and insert -- APCI-MS --, therefor.

**Column 148**

Line 5 and 6; Delete “APCI MS” and insert -- APCI-MS --, therefor.

Line 34; Delete “et. al” and insert -- et al.--, therefor.

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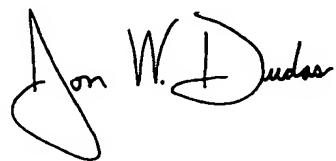
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Column 149**

Line 8; After "ELISA" insert -- . --.

Signed and Sealed this

Twenty-eighth Day of November, 2006



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*